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PTO/SB/08a (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 3

Application Number

10/799,146

Filing Date

MARCH 12, 2004

First Named Inventor

YUXIANG WANG, ET AL.

Group Art Unit

UNKNOWN 2813

Examiner Name

UNKNOWN Harrison

Attorney Docket Number

AMAT/8244/DSM/BCVD/JW

Submission Date

6/7, 2004

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MDT	A1	US-6,635,583 B2	10/21/2003	Bencher, et al.	
	A2	US-6,624,064 B1	09/23/2003	Sahin, et al.	
	A3	US-6,573,030	06/03/2003	Fairbairn, et al.	
	A4	US-6,541,397 B1	04/01/2003	Bencher	
	A5	US-6,458,516 B1	10/01/2002	Ye, et al.	
	A6	US-6,423,384 B1	07/23/2002	Khazeni, et al.	
	A7	US-6,413,852	07/02/2002	Grill, et al.	
	A8	US-6,380,106	04/30/2002	Lim, et al.	
	A9	US-6,358,573 B1	03/19/2002	Raoux, et al.	
	A10	US-6,333,255	12/25/2001	Sekiguchi	
	A11	US-6,331,380 B1	12/18/2001	Ye, et al.	
	A12	US-6,323,119 B1	11/27/2001	Xi, et al.	
	A13	US-6,316,347	11/13/2001	Chang, et al.	
	A14	US-6,291,334 B1	09/18/2001	Somakh	
	A15	US-6,235,629	05/22/2001	Takenaka	
	A16	US-6,214,730	04/10/2001	Cooney, III, et al.	
	A17	US-6,211,065 B1	04/03/2001	Xi, et al.	
	A18	US-6,165,890	12/26/2000	Kohl, et al.	

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FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1					
	B2					
	B3					
	B4					
	B5					

Examiner

Marcio D. Idun

Date Considered

12/12/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of 3

Application Number 10/799,146
Filing Date MARCH 12, 2004
First Named Inventor YUXIANG WANG, ET AL
Group Art Unit UNKNOWN 2813
Examiner Name UNKNOWN Harrison
Attorney Docket Number AMAT/8244/DSM/BCVD/JW
Submission Date 6/7, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MDH	A19	US-6,153,935	11/28/2000	Edelstein, et al.	
	A20	US-6,143,476	11/07/2000	Ye, et al.	
	A21	US-6,140,226	10/31/2000	Grill, et al.	
	A22	US-6,140,224	10/31/2000	Lin	
	A23	US-6,098,568	08/08/2000	Raoux, et al.	
	A24	US-6,080,529	06/27/2000	Ye, et al.	
	A25	US-6,066,577	05/23/2000	Cooney, III, et al.	
	A26	US-6,064,118	05/16/2000	Sasaki	
	A27	US-6,057,226	05/02/2000	Wong *	
	A28	US-6,035,803	03/14/2000	Robles, et al.	
	A29	US-6,030,901	02/29/2000	Hopper, et al.	
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	A32	US-5,900,288	05/04/1999	Kuhman, et al.	
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	A35	US-5,759,913	06/02/1998	Fulford, Jr., et al.	
	A36	US-5,461,003	10/24/1995	Havemann, et al.	
	A37	US-2003/0091938 A1	05/15/2003	Fairbairn, et al.	
	A38	US-2002/0090794 A1	07/11/2002	Chang, et al.	
	A39	US-2002/0086547 A1	07/04/2002	Mui, et al.	
	A40	US-2002/0001778 A1	01/03/2002	Latchford, et al.	
✓	A41	US-2001/0007788 A1	07/12/2001	Chang, et al.	
	A42				
	A43				
	A44				
	A45				
	A46				

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Examiner

Monica Harrison

Date Considered

12/12/05

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3

of 3

Application Number

10/799,146

Filing Date

MARCH 12, 2004

First Named Inventor

YUXIANG WANG, ET AL.

Group Art Unit

UNKNOWN 2813

Examiner Name

UNKNOWN Harrison

Attorney Docket Number

AMAT/8244/DSM/BCVD/JW

Submission Date

6/7, 2004

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MDT	C1	U.S. Patent Application 10/768,724, filed on January 30, 2004. (AMAT/8736)	
	C2	U.S. Patent Application 10/800,112, filed on March 12, 2004 (AMAT/8245)	
	C3	U.S. Patent Application 10/799,147, filed on March 12, 2004 (AMAT/8390)	
	C4	U.S. Patent Application 10/383,839, filed on March 7, 2003 (AMAT/6328.C1)	

Examiner

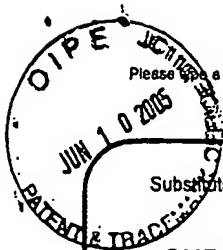
Monica D. Harris

Date Considered

12/12/05

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

1

Application Number

10/799,146

Filing Date

March 12, 2004

First Named Inventor

Wang, et al.

Group Art Unit

28422813

Examiner Name

Craig Thompson, et al. Harrison

Attorney Docket Number

AMAT/8244/DSM/BCVD/JW

Submission Date

June 8, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MDH	A1	US-6852647	02/08/2005	Bencher	
	A2	US-6624064	09/23/2003	Sahlin, et al.	
	A3	US-6596627	07/22/2003	Mandal	
	A4	US-6541842	04/01/2003	Meynen, et al.	
	A5	US-6428894	08/06/2002	Babich, et al.	
	A6	US-6358804	03/19/2002	Kobayashi, et al.	
	A7	US-6346747	02/12/2002	Grill, et al.	
	A8	US-6214637	04/10/2001	Kim, et al.	
	A9	US-6203898	03/20/2001	Kohler, et al.	
	A10	US-6184572	02/06/2001	Mountsier, et al.	
	A11	US-6183930	02/06/2001	Ueda, et al.	
	A12	US-6054379	04/25/2000	Yau, et al.	
	A13	US-5930655	07/27/1999	Cooney, III, et al.	
	A14	US-5981000	11/09/1999	Grill, et al.	
	A15	US-5882830	03/16/1999	Visser, et al.	
	A16	US-5830332	11/03/1998	Babich, et al.	
	A17	US-5262262	11/16/1993	Yagi, et al.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS) ¹ , title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MDH	C1	U.S. Patent Application 60/565,639, filed on April 26, 2004. (AMAT/8762L)	
↓	C2	U.S. Patent Application 60/649,344, filed on February 2, 2005. (AMAT/9631L)	

Examiner

Michael D. Harrison

Date Considered

12/12/05

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/799,146		
		Filing Date	MARCH 12, 2004		
		First Named Inventor	WANG, et al.		
		Art Unit	2812 2813		
		Examiner Name	GRAIG THOMPSON H. Thompson		
Sheet	1	of	2	Attorney Docket Number	AMAT/8244/DSM/BCVD/JW

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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MDS	A1	US-5,022,959	06/11/1991	Itoh, et al.	
	A2	US-5,674,573	10/07/1997	Mitani, et al.	
	A3	US-5,998,100	12/07/1999	Azuma, et al.	
	A4	US- 6,352,922	03/05/2002	KIM	
	A5	US- 6,653,735	10/21/2003	Zhang, et al.	
	A6	US- 2004/0023502	02/05/2004	Tzou, et al.	
	A7	US- 2004/0038537 A1	02/26/2004	Liu, et al.	
	A8	US- 2004/0166691 A1	08/26/2004	Nieh, et al.	
	A9	US- 2004/0180551 A1	09/16/2004	Biles, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
MDS	B1	DE 103 28 578 (English abstract)	02/26/2004	Matthias		X
	B2	EP 0 381 109 (English translation)	01/29/1990	BIRKLE, ET AL.		X
	B3	EP 0 901 156	03/10/1999	STEINER		
	B4	JP 09 045633 (English abstract)	02/14/1997	YASU HARU		X
	B5	JP 11 026578 (English abstract)	01/29/1999	TETSUJI		X
	B6	WO 00/05763	02/03/2000	NAIK, ET AL.		

Examiner Signature	<i>Unproven, D. Johnson</i>	Date Considered	12/12/05
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Substitute for form 1449A/PTO		SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT	
		(Use as many sheets as necessary)	
Sheet	2	of	2
		Complete if Known	
		Application Number	10/799,146
		Filing Date	MARCH 12, 2004
		First Named Inventor	WANG, et al.
		Art Unit	2812-2813
		Examiner Name	CRAIG THOMPSON HATLISER
		Attorney Docket Number	AMAT/8244/DSM/BCVD/JW

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MDT	C1	Liu, et al., "Generating Sub-30nm Poly-Silicon Gates Using PECVD Amorphous Carbon as Hardmask and Anti-Reflective Coating", Proceedings of the SPIE, BELLINGHAM, VA, US, vol. 5040, no. 1, February 25, 2003, pages 841-848.	
↓	C2	PCT Notification of Transmittal of the International Search Report dated May 31, 2005 for PCT/US05/008070. (AMAT/8245PCT)	
↓	C3	PCT Written Opinion dated May 31, 2005 for PCT/US05/008070. (AMAT/8245PCT)	

Examiner Signature	Monica D. Harris	Date Considered	12/12/05
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**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/799,146
Filing Date	March 12, 2004
First Named Inventor	Wang, et al.
Art Unit	2812 2813
Examiner Name	Monica D. Harrison
Attorney Docket Number	APPM/008244/DSM/BCVD/JW

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MDH	C1	PCT International Search Report for PCT/US05/005855 dated October 13, 2005. (APPM/008244PC.02)	
↓	C2	PCT Written Opinion for PCT/US05/005855 dated October 13, 2005. (APPM/008244PC.02)	

Examiner Signature	Monica D. Harrison	Date Considered	12/12/05
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